

SM-10, SM-20A



Amprobe SM-10



Amprobe SM-20

Charakteristika

- Elektronický měřič úrovně hluku třídy 2 dle IEC 651
- Měření úrovně hluku s filtry typu A nebo C
- Přímé odečítání naměřené hodnoty v dB
- Nastavitelná doba vzorkovací periody (1 s / 125 ms)
- Kalibrátor SM-CAL1 jako volitelné příslušenství (94 dB a 114 dB)
- Funkce DATA HOLD
- Funkce MIN/MAX
- **Záznam naměřených hodnot s délkou záznamu až 8 hodin (pouze SM-20A)**
- **USB rozhraní pro přenos dat do PC (pouze SM-20A)**
- Rázuvzdorné pouzdro
- Podsvětlený LC displej 4000 číslic
- Indikace stavu baterie
- Automatické vypnutí

Technická data

Zobrazení

LC displej 4 000 číslic, podsvětlený

Měření

Úroveň hluku

30 ... 130 dB (filtr A)

35 ... 130 dB (filtr C)

Rozlišení

0,1 dB

Kmitočtový rozsah

31,5 Hz ... 8 kHz

Přesnost

±1,5 dB

Provozní teplota

5°C ... 40°C při relativní vlhkosti < 80%

Skladovací teplota

-10°C ... 60°C při relativní vlhkosti < 70%

Napájení

1 ks baterie 9 V, IEC 6F22

Rozměry (ŠxVxH)

55 x 200 x 38 mm

Hmotnost

233 g (včetně baterií)

Údaje pro objednávku:

SM-10 AM.3052366
 SM-20A AM.3477333

Součást dodávky:

SM-10 nebo SM-20 1 ks
 Software na CD (pouze SM-20A) 1 ks
 USB kabel (pouze SM-20A) 1 ks
 Baterie 9 V 1 ks
 Návod k obsluze 1 ks



SM-20-A

Sound Meter-A

The Amprobe SM-20-A Sound Level Meter has been designed to meet the measurement requirements of safety Engineers, Health, Industrial safety offices and quality control in various environments. It offers two types of measurements: A weighting and C weight.

The A weighting is for general noise sound level and the C weighting is for measuring sound level of acoustic material control in various environments (ie 94dB 1 kHz etc...). The SM-20-A conforms to the IEC651 Type 2, ANSI S1.4 Type 2, and JISC1502 requirements for Sound Level Meters. Which means the SM-20-A uses two different weighting filters required by the IEC 651 and ANSI S1.4 Type 2: The A-Weighting and the C-Weighting audio filtering.

No hassle warranty

No waiting.

No shipping charges.



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

- Designed to meet the measurement requirements of Safety Engineers, Health, Industrial safety offices and quality control in various environments.
- A and C weightings for checking compliance with safety regulations as well as acoustic analysis
- Measuring ranges: A Weighting 30~130dB, C Weighting 35~130dB
- Frequency range: 31.5Hz~8KHz
- Display with 0.1dB steps on a 4 digit LCD
- Slow (1 sec) and fast (125ms) response settings to check peak and average noise levels
- MAX/MIN recording
- Internal memory, 14,000 records
- Recording intervals from 1 second to 8 hours
- PC computer download capabilities
- Data Hold to freeze reading on digital display
- CE, designed to meet IEC651 Type2, ANSI S1.4 Type2

SM-20-A Sound Meter

Data Sheet

Specifications

General Specifications	
Display	4 digits LCD
Microphone	1/2 inch Electret condenser microphone
Low Battery Indication	Replace battery when LCD displays "E3"
Power Supply	9V NEDA 1604, IEC 6F22, JIS 006P battery
Power Life	Approx. 50 hrs (alkaline Battery)
Auto Power Off	Approx. 5 min
Environment	Indoor operation, < 2000 m

Temperature / Humidity	
Operation	5°C to 40°C (41°F to 104°F); < 80% RH
Storage	-10°C to 60°C (14°F to 140°F); < 70% RH
Dimension	200 x 55 x 38 mm (7.8 x 2.2 x 1.5 in)
Weight	233g. (0.5 lb.) including battery

Electrical (Audio)	
Standard applied	IEC 651 Type2, ANSI 1.4 Type 2
Dynamic range	50 dB
Resolution	0.1 dB, Display Update: 0.5 sec.
Time weighting	FAST(125mS), SLOW(1 sec)
Frequency range:	31.5 Hz to 8 kHz
Measuring level range	(Auto Range) A Weighting: 30 to 130 dB C Weighting: 35 to 130 dB
Accuracy	± 1.5 dB
Calibration cycle	1 year
Accessories	Carrying case, windscreen, User manual, USB cable and 9V battery

CE-EMC

EN61326-1 This product complies with requirements of the following European Community Directives: 89/336/EEC (Electromagnetic Compatibility) and 73/23/EEC (Low Voltage) as amended by 93/68/EEC (CE Marking). However, electrical noise or intense electromagnetic fields in the vicinity of the equipment may disturb the measurement circuit. Measuring instruments will also respond to unwanted signals that may be present within the measurement circuit. Users should exercise care and take appropriate precautions to avoid misleading results when making measurements in the presence of electronic interference.

OPTIONAL ACCESSORIES

SM-CAL1

Sound Meter Calibrator with two output levels of 94dB and 114dB, output frequency of 1000Hz, fits 1/2" microphones

Váš distribútor:

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